

Pump installation kit Retrofit S Duo, GTF 500-S1, 230V



Article information

Item no.: 8744050
 GTIN: 4026092109496
 Price group: 60

Advantages

- Quick installation thanks to pre-assembled components
- Flexible and space-saving installation
- Suitable for all common pressure pipes

Description

The pump system for installation in existing collection tanks for wastewater without sewage is equipped with two submersible pumps suitable for continuous operation, and two backflow preventers.

The compact polymer (PU) bracket is used for the variable mounting of components in various application scenarios and to fasten the pumping system, even in confined spaces.

All common types of pressure pipe can be connected using the 90° quick-release closure. Quick-release closures enable the integrated components to be removed easily.

The components are pre-assembled for final assembly on site.

Control is carried out by means of a level float via user-friendly 230V Connect Duo control unit that can optionally be integrated into the building management system through a potential-free contact.

Variant

Type of system:	duo pump
Installation:	Wet installation
Pump control:	Control unit
Backflow preventer:	integrated

General characteristics

Standard:	EN 12050-2
Type of wastewater:	without sewage
Installation situation:	installation in on-site collecting tank

Delivery state:	Modular set for assembly on site
System type:	Duo
ATEX:	no
Dimensions	
Net weight:	17,5 kg
Gross weight:	21,29 kg
Length:	403 mm
Width:	380 mm
Height:	448 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height
Tank/drain body	
Pressure pipe connection (DN):	40
Pressure pipe connection (OD):	50 mm
Pumping device	
Pump:	GTF 500
Number of pumps:	2
Weight, pump:	6 kg
Connection type:	Schuko (earthed contact) 2-pin
Rated current:	2,5 A
Length of mains cable for pump:	10 m
Protection class:	I
Insulation class:	F
Cos phi - power factor:	0,91
Protection class (pump):	IP 68 (3m)
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
Hot water resistance for a short time (2 min):	80 °C
Max. pumping height:	8 m
Speed:	2800 U/min
Power P1:	0,6 kW
Power P2:	0,36 kW
Operating mode:	S1
Type of pump connection cable:	H07RN-F 3G 1.5 mm ²
Impeller type:	Multi-vane impeller
Free passage:	10 mm
Type of fuse required (electrical protection):	C 16 A
Control	
Control unit:	Connect Duo
Control unit function:	With alarm message
Motor protection switch:	yes
Alarm sensor:	Float switch
Level measurement instrument:	Float switch
Type of level measurement:	mechanical

Protection class control unit:	IP 54
Mains frequency:	50 Hz
Operating voltage:	230 V
Connection type:	Schuko (earthed contact) 2-pin
Length of mains cable for control unit:	1,4 m
Potential-free contact:	optional
Battery buffering:	yes
Self-diagnosis system (SDS):	yes
Warning equipment version:	acoustic and optical signal
Type of fuse required (electrical protection):	C 16 A
Rated current:	2,5 A